EXHIBIT 18

TO WNSEND and TOWNSEND KHOURIE and CREW	Atty. Docket No. 2 02307-553
Steuart Street Tower	And the second second
One Market Plaza	"Express Mai:" Label No. TB380892941US
San Francisco, CA 94105	,
(415) 543-9600 MAIL PO	Date of Deposit October 17, 1994
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PATENT APPLICATION 790 TIP APPLICATION	
COMMISSIONER OF PATENT AND TRADEMARKS	T
Washington, D. C. 20231	I hereby certify that this is being deposited with the
	United States Postal Service "Express Mail Post Office
Sir:	to Addressee" service under 37 CFR 1.10 on the date
	indicated above and is addressed to the Commissioner
Transmitted herewith for filing is the	of Patents and Trademarks, Washington, D. C. 20231
[X] patent application of [] design patent application of	- Cuilloff
[] continuation-in-part_patent application of	By XIIII BUI
[] continuation-in-part patent application of	Sunil Dutt
Inventors: Michael Doyle, David Martin and Cheong Ang	
For: EMBEDDED PROGRAM OBJECTS IN DISTRIBUTED I	HYPERMEDIA SYSTEMS
Enclosed are:	
Enclosed are.	
[X] 10 sheets of [] formal [X] informal drawings.	
An assignment of the invention to	
[] A [] signed [] unsigned Declaration & Power of Attorney	ang panahan ang panahan t In
[X] A [] signed [X] unsigned Declaration.	•
[] A Power of Attorney.	•
[] A verified statement to establish small entity status under 37	CFR 1 9 and 37 CFR 1 27
[] A certified copy of a	application.
Information Disclosure Statement under 37 CFR 1.97.	
[X] Appendix A; Appendix B	
f1II	

In view of the Unsigned Declaration as filed with this application and pursuant to 37 CFR §1.53(d), Applicant requests deferral of the filing fee until submission of the Missing Parts of Application.

DO NOT CHARGE THE FILING FEE AT THIS TIME.

Telephone:

(415) 543-9600

APPNOFEE.TRN 12/92

Charles J. Kulas

Reg. No.:35,809

Attorneys for Applicant

Attorney Docket No. 2307U-553



PATENT APPLICATION

EMBEDDED PROGRAM OBJECTS IN DISTRIBUTED HYPERMEDIA SYSTEMS

Inventors:

Michael Doyle, David Martin, Cheong Ang

Assignee:

University of California 1320 Harbor Bay Parkway, Suite 150 Alameda, CA 94502

TOWNSEND and TOWNSEND KHOURIE and CREW Steuart Street Tower, 20th Floor One Market Plaza San Francisco, California 94105 (415) 543-9600

#/NO Be 18/324443

PATENT

Attorney Docket No. 2307U-553

MBEDDED PROGRAM OBJECTS IN DISTRIBUTED HYPERMEDIA SYSTEMS

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BACKGROUND OF THE INVENTION

This invention relates generally to manipulating data in a computer network, and specifically to retrieving, presenting and manipulating embedded program objects in distributed hypermedia systems.

Computer networks are becoming increasingly popular as a medium for locating and accessing a wide range of data from locations all over the world. The most popular global network is the Internet with millions of computer systems connected to it. The Internet has become popular due to widely adopted standard protocols that allow a vast interconnection of computers and localized computer networks to communicate with each other. Computer systems connected to a network such as the Internet may be of varying types, e.g., mainframes, workstations, personal computers, etc. computers are manufactured by different companies using proprietary hardware and operating systems and thus have incompatibilities in their instruction sets, busses, software, file formats and other aspects of their architecture and operating systems. Localized computer networks connected to the Internet may be incompatible with other computer systems and localized networks in terms of the physical layer of communication including the specific hardware used to

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PATENT

Attorney Docket No. 02307I-553

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MICHAEL D. DOYLE et al.

Application No.: 08/324,443

Filed: 10/17/94

For: EMBEDDED PROGRAM OBJECTS IN)

DISTRIBUTED HYPERMEDIA

SYSTEMS

Examiner: D. Dinh

Art Unit: 2317

AMENDMENT

AUG 2 0 1996 **GROUP 2300**

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed May 6, 1996, please amend the above identified application as follows:

IN THE CLAIMS:

Please cancel claim 16.

Please amend the following claims:

1. (Amended) A method for running an application program in a computer network environment, comprising:

providing at least one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment;

executing, at\said client workstation, a browser application, that parses a distributed hypermedia document to identify text formats included in the distributed hypermedia document and for responding to predetermined text formats to initiate processes specified by the text format;

PATENT

MICHAEL D. DOYLE et al. Application No.: 08/324,443 Page 20

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (415) 576-0200.

Respectfully submitted,

Charles E. Krueger Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200 Fax (415) 576-0300

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	<u>A</u>	mendment		1			
and TOWNSEND and CREV	V LLP	Atty.	Docket No	023	07I-055	300US	
Wo Embarcage o Center, 8th Floor San Francisco, CA 94111-3834 (415) 576-0200		Date _		August 6,	1996		
re application of MICHAEL D. DOYLE e	t al.						rith the United
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Filed 10/17/94				issioner for C. 20231.	Patent	S	
Group Art Unit 2317 For EMBEDDED PROGRAM C DISTRIBUTED HYPERMEDIA SY	BJECTS IN	Date:		P-11-	94		
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THE ASSISTANT COMMISSIONER FOR P	ATENTS			RECE	IVE)	
Washington, D.C. 20231 Sir:				AUG 2 (GROUH	1996	;	
Sir:			(aROUF	23	UO	
Transmitted herewith is an amendment in the	above-identified app	plication.				-	
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previously submitted.		T CED 10 1	1.07.				
[] A verified statement to establish small er [X] A document entitled USC Mercury Project	-	CFR 1.9 and	1.27 is en	closed.			
If any extension of time is needed, then this r	·	considered a pe	tition there	efor.			
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PATENT

Attorney Docket No. 023071-553

8-6-96

TOWNSEND and TOWNSEND and CREW LLP

By Albullet

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MICHAEL D. DOYLE et al.

Application No.: 08/324,443

Filed: 10/17/94

For: EMBEDDED PROGRAM OBJECTS IN)

DISTRIBUTED HYPERMEDIA

SYSTEMS

Examiner: D. Diph (DIOCWED)

Art Unit: 2317 con 1 1996

AMENDMENT

OFFISIAL

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed May 6, 1996, please amend the above identified application as follows:

IN THE CLAIMS:

Please cancel claim 16.

Please amend the following claims:

1. (Amended) A method for running an application program in a computer network environment, comprising:

providing at least one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment;

executing, at said client workstation, a browser application, that parses a distributed hypermedia document to identify text formats included in the distributed hypermedia document and for responding to predetermined text formats to initiate processes specified by the text format:

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PATENT

MICHAEL D. DOYLE et al. Application No.: 08/324,443 Page 20

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (415) 576-0200.

Respectfully submitted,

Charles E. Krueger Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200
Fax (415) 576-0300
CEK:db
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#8

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Assistent Commissioner for Patents,
Washington, D.C. 20231,

PATENT

Attorney Docket No. 023071-553

TOWNSEND and TOWNSEND and CREW LLP

By Irane Roslas

1-8-97

OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MICHAEL D. DOYLE et al.

Application No.: 08/324,443

Filed: 10/17/94

For: EMBEDDED PROGRAM OBJECTS IN)

DISTRIBUTED HYPERMEDIA

SYSTEMS

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Examiner: D. Dinh, JAN 0 8 1997

Art Unit: 2317

RESPONSE AFTER FINAL

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The following is responsive to the Office Action mailed December 13, 1996:

REMARKS

Claims 1-15 and 17-56 are now pending in the application. Reexamination and reconsideration are requested.

Claims 1 and 44 are rejected under 35 U.S.C. §103 as being unpatentable over Vetter "Mosaic and the World-Wide Web" and further in view of Hansen "Andrew as a Multiparadigm Environment for Visual Languages."

In claim 1, the distributed hypermedia document includes an embed text format that specifies the location of an object external to the distributed hypermedia document and that specifies type information utilized by the browser to identify and locate an executable application external to the distributed hypermedia document. The browser invokes the executable application to display and process the object within the browser window.



MICHAEL D. DOYLE et al. Application No.: 08/324,443 Page 4 PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (415) 576-0200.

Respectfully submitted,

Charles E. Krueger Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200 Fax (415) 576-0300 CEK:db

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Washington, D.C. 20231,

09 . 28

TOWNSEND and TOWNSEND and CREW LLP

PATENT

Attorney Docket No. 023071-553

FFB 1 9 1997

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TOWNSEND SF

In re application of:

MICHAEL D. DOYLE et al.

Application No.: 08/324,443

Filed: 10/17/94

For: EMBEDDED PROGRAM OBJECTS IN)

DISTRIBUTED HYPERMEDIA

SYSTEMS

Examiner: D. Dinh

Art Unit: 2317

COMMUNICATION

OFFICIAL

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The following is responsive to the Office Action mailed January 24, 1997:

REMARKS

It is believed that the Office Action contains a minor typographical error in the first paragraph in referring to applicant's Rule 131 Declaration. The reference which was the subject matter of that declaration was Vetter "Mosaic and the World-Wide Web, " not Wynne as stated in the Office Action.

Accordingly, this communication is submitted to call the examiner's attention to this error so that the record can be corrected.

Further, this to confirm that one of the co-inventors, Michael Doyle, and his attorney, Charles Krueger, will appear at the examiner's office for an interview at 9:00 A.M. on Monday, February 24, 1997.

PATENT

MICHAEL D. DOYLE et al. Application No.: 08/324,443 Page 2

If the Examiner has any comments or questions, please telephone the undersigned at (415) 576-0200.

Respectfully submitted,

Charles E. Krueger Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
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Fax (415) 576-0300
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All participants (applican	it, applicant's representa	tive, PTO personnel):	,			· ·
(1) <u>Mi he-1 Do</u>	y <u>l</u> e		(3)	Thomas Lec	e	
(2) Charles Kr	ueger		(4)	Dung Dinh		
Date of intention (97	2/2	4/97	_	•		
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June 2, 1997

TOWNSEND and TOWNSEND and CREW LLP

By V Bulent

14 B PATENT

Attorney Docket No. 02307I-553

BK 6-19-97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MICHAEL D. DOYLE et al.

Examiner: D. Dinh.

Application No.: 08/324,443

Art Unit: 2317

Filed: 10/17/94

AMENDMENT

For: EMBEDDED PROGRAM OBJECTS IN)

DISTRIBUTED HYPERMEDIA

SYSTEMS

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed March 26, 1997, please amend the above identified application as follows:

IN THE CLAIMS:

Please cancel claim 6-15, 17-43, and 49-56.

Please amend the following claims:

1. (Twice Amended) A method for running an application program in a computer network environment, comprising:

providing at least one client workstation and one network server coupled to said network environment, wherein said network environment is a distributed hypermedia environment;

executing, at said client workstation, a browser application, that parses a <u>first</u> distributed hypermedia document to identify text formats included in [the] <u>said</u> distributed hypermedia document and for responding to predetermined text formats to initiate processing specified by <u>said</u> text formats; utilizing said browser to display, on said client workstation, at

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MICHAEL D. DOYLE et al. Application No.: 08/324,443 Page 27

707.07(j) in order that the undersigned can place this application in allowable condition as soon as possible and without the need for further proceedings.

In view of the foregoing, Applicants believe all claims now pending in this application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

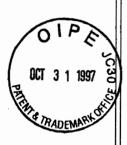
If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (415) 576-0200.

Respectfully submitted,

Charles E. Krueger Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200 Fax (415) 576-0300 CEK:db

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Assistant Commissioner for Patents, Washington, D.C. 20231,

PATENT

Attorney Docket No. 02307I-553

TOWNSEND and TOWNSEND and CREW LLP

By Irene Rodas

10-21-97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MICHAEL D. DOYLE et al.

Application No.: 08/324,443

Filed: 10/17/94

For: EMBEDDED PROGRAM OBJECTS IN)

DISTRIBUTED HYPERMEDIA

SYSTEMS

Examiner: D. Dinh

Art Unit: 2317

COMMUNICATION

Assistant Commissioner for Patents Washington, D.C. 20231

REMARKS

In the Office Action mailed June 25, 1997, the claims pending in the present application were rejected over Koppolu reference (U.S. Patent No. 5,581,686 "the '686 patent").

The '686 patent was filed June 6, 1996 and is a continuation of parent Appln. No. 229,264, filed April 15, 1994, which is a C-I-P of grandparent Appln. No. 984,868 filed December 1, 1992.

The file history of the grandparent application has been examined and it has been determined that Figs. 32-56 and Secs. 6.0 to 6.4.4 of the '686 patent were added as new matter in the C-I-P parent application.

Attached hereto is a declaration and evidence proving that the claimed invention was conceived and reduced to practice prior to the filing date of the C-I-P parent application. Accordingly, Figs. 32-56 and Secs. 6.0 to 6.4.4 of the '686 patent are not prior art.

Further, this to confirm that one of the co-inventors, Michael Doyle, and his attorney, Charles Krueger, will appear at

MICHAEL D. DOYLE et al. Application No.: 08/324,443 Page 2

the examiner's office for an interview at 9:00 A.M. on Thursday, November 6, 1997.

If the Examiner has any comments or questions, please telephone the undersigned at (415) 576-0200.

Respectfully submitted,

Charles E. Krueger Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200 Fax (415) 576-0300 CEK:db

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UNITED STATES DEPARTMENT OF COMMERCE
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Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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		EXAMINER INTERVIEW SUMMARY RECORD	9	
	nt, applicant's representa			
(1) DUNG	DIM	(3)		
(2) CHARLE	3 KRUEGER	(4) MICHINE DOYLE		
Date of interview	11 16 1 27		ů.	
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requirements that	at may be present in the ements of the last Office	above (including any attachments) reflects a complete respo last Office action, and since the claims are now allowable, thi action. Applicant is not relieved from providing a separate re	is completed	form is considered to fulfill the
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PTOL-413 (REV. 2 -93)



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Washington, D.C. 20231,

" /*a-*23-97

TOWNSEND and TOWNSEND and CREW LLP

By & Bullont

GAD PATENT

Attorney Docket No. 023071-553

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MICHAEL D. DOYLE et al.

)

Examiner: D. Dinh

Application No.: 08/324,443

Art Unit: 2317

Filed: 10/17/94

PETITION TO EXTEND TIME UNDER

37 CFR §1.136(a)

For: EMBEDDED PROGRAM OBJECTS IN)

DISTRIBUTED HYPERMEDIA

SYSTEMS

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Applicant petitions the Assistant Commissioner of Patents to extend the time for response to the Office Action dated August 25, 1997 for one month, from November 25, 1997 to December 25, 1997. An appropriate response to the Office Action is enclosed herewith.

Please charge \$110, pursuant to 37 CFR §1.17, to Deposit Account No. 20-1430. Please charge any additional fees or credit overpayment to the above deposit account. This petition is submitted in triplicate.

Respectfully submitted,

01/12/1998 SPAVIS 01 FC:115

00000084 DAM:201430 08324443

Charles E. Krueger Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200

Fax (415) 576-0300

CEK:db

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O'Assistant Commissioner for Patents,
Washington, D.C. 20231,

12-23-97

TOWNSEND and TOWNSEND and CREW LLP

By Il Sulant

Attorney Docket No. 023077-553

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MICHAEL D. DOYLE et al.

Examiner: D. Dinh

Application No.: 08/324,443

Art Unit: 2317

Filed: 10/17/94

RESPONSE

For: EMBEDDED PROGRAM OBJECTS IN)

DISTRIBUTED HYPERMEDIA

SYSTEMS

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The following is responsive to the Office Action mailed August 25, 1997, setting a response period expiring on November 25, 1997.

REMARKS

Claims 1,2, 5, and 44, 45, 48 are rejected over the Applicants' disclosed prior art (Mosaic + HTTP + HTML + "World Wide Web), referred to herein as "Mosaic," in view of Koppolu et al. The Examiner is thanked for extending the courtesy of an interview to one of the inventors, Professor Doyle, and his attorney, Mr. Krueger.

THE EXAMINER'S REASONING REJECTING CLAIM 1

The Examiner states that Mosaic does not have embed text format specifying an external object which automatically invokes an external application to execute and enable interactive processing within a portion of the browser controlled window.

MICHAEL D. DOYLE et al. Application No.: 08/324,443 Page 31

Claim 4 recites the additional steps over Claim 3 "wherein said additional instructions for controlling said controllable application reside on said client workstation."

None of the claimed references show this feature. This feature produces the additional surprising and unexpected results of enabling a client and network server system to be self-contained on the client workstation.

Claims 44-48 are apparatus claims of the same scope as claims 1-5 and are thus allowable for the reasons recited above.

In view of the foregoing, Applicants believe all claims now pending in this application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (415) 576-0200.

Respectfully submitted,

Charles E. Kruege Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200

Fax (415) 576-0300

CEK: db

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Thereby certify that this correspondence is being posited with the United States Postal Service as First class mail in an envelope addressed to: OX AF, Assistant Commissioner for Patents, Washington, D.C. 20231,

2-25-98

TOWNSEND and TOWNSEND and CREW LLP

Attorney Docket No. 02307I-553

305, 9655

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DOYLE et al.

Application No.: 08/324,443

Filed: 10/17/94

For: EMBEDDED PROGRAM OBJECTS IN)

DISTRIBUTED HYPERMEDIA

SYSTEMS

使的现在分词经验的现在分词

Examiner: D. Dinh

Art Unit: 2317 2757

PETITION TO EXTEND TIME UNDER

37 CFR §1.136(a)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Applicants petition the Assistant Commissioner of Patents to extend the time for response to the Office Action dated August 25, 1997 for two months, from December 25, 1997 to February 25, 1998. A one-month extension of time was previously granted.

An appropriate response to the Office Action in the form of a Notice of Appeal is enclosed herewith.

Please charge \$840, pursuant to 37 CFR §1.17, to the Deposit Account No. 20-1430. Please charge any additional fees or credit overpayment to the above Deposit Account. Petition is submitted in triplicate.

Respectfully submitted,

Charles E. Krueger

Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200 Fax (415) 576-0300 CEK:db

DOYLE et al.

Serial No.: 08/324,443

Page 2

charge any additional fees or credit overpayment to the above Deposit Account. This Notice is submitted in triplicate.

Respectfully submitted,

Charles E. Krueger

Reg. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200 Fax (415) 576-0300 CEK:db

i:\cek\share\02307i\553\nappeal

PATENT



DOYLE

FIRST NAMED APPLICANT

SERIAL NUMBER

2.

_ Information Disclosure Citation, PTO-1449

08/324,443

FILING DATE

10/17/94

UNITED STAVES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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ATTORNEY DOCKET NO.

02307553

	EXAMINER
020350 LM21/0330	
TOWNSEND AND TOWNSEND AND CREW	DINH,D //
TWO EMBARCADERO CENTER EIGHTH FLOOR SAN FRANCISCO CA 94111	ART UNIT PAPER NUMBER
SHN FRANCISCO CH 94111	2756 23=
	03/30/98
	DATE MAILED:
NOTICE OF ALLOWABILITY	
PART I.	
1. This communication is responsive to puper files (2/19/9)	77
herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or othe	NS) CLOSED in this application, it not included
 3. The allowed claims are 1 - 5 , 44 - 48 4. The drawings filed on are acceptable. 	
4. The drawings filed on are acceptable.	
 Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The cer received. [] been filed in parent application Serial No	
6. Note the attached Examiner's Amendment.	
7. Note the attached Examiner Interview Summary Record, PTOL-413.	
Note the attached Examiner's Statement of Reasons for Allowance.	
9 Note the attached NOTICE OF REFERENCES CITED, PTO-892.	
10. Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.	
PART II.	
A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will res Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).	
1. \(\subseteq \) Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL' APPLIC or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.	ATION, PTO-152, which discloses that the oath
2. PAPPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE OF THIS PAPER.	
a. Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS CORRECTION IS REQUIRED.	
b. The proposed drawing correction filed on has been REQUIRED.	en approved by the examiner. CORRECTION IS
c. Approved drawing corrections are described by the examiner in the attached REQUIRED.	EXAMINER'S AMENDMENT. CORRECTION IS
d. Formal drawings are now REQUIRED.	
Any response to this letter should include in the upper right hand corner, the following AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, A	
Attachments:	
 ★ Examiner's Amendment _ Notice of Informal Applications ★ Examiner Interview Summary Record, PTOL- 413 _ Notice re Patent Draw 	
Reasons for Allowance Listing of Bonded Dra	-
Mission of References Cited BTO 802	

#	24
•	- I

·	Application No. 08/326,443	Applicant(s)	licant(s) . Doyle et al			
Interview Summary	Examiner Dung Dinh		Group Art Unit 2756			
All participants (applicant, applicant's representative, PTC	personnel):		,			
(1) Dung Dinh	(3)					
(2) <u>Charles E. Krueger</u>	(4)					
Date of Interview Jan 26, 1998	_					
Type: Telephonic Personal (copy is given to	applicant app	licant's rep	resentative).			
Exhibit shown or demonstration conducted:	X No. If yes, brief de	scription:		,		
Agreement 🛛 was reached. 🔲 was not reached.	·					
Claim(s) discussed: 1 and 44						
Identification of prior art discussed: None				1		
made to claim 44, line 39. Further in line 17 of claim 44, formats	"said by the text form	ats" was a	mended to read	'by said text		
(A fuller description, if necessary, and a copy of the amen the claims allowable must be attached. Also, where no co is available, a summary thereof must be attached.)						
1. X It is not necessary for applicant to provide a separ	ate record of the subs	tance of the	e interview.			
Unless the paragraph above has been checked to indicate LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUSECTION 713.04). If a response to the last Office action has FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF	UDE THE SUBSTANCE as already been filed, A	OF THE IN	ITERVIEW. (See IS GIVEN ONE	e MPEP		
2. X Since the Examiner's interview summary above (in each of the objections, rejections and requirement claims are now allowable, this completed form is confice action. Applicant is not relieved from provi	s that may be present considered to fulfill the	in the last (response r	Office action, ar equirements of	nd since the the last		
is also checked.	- Ful	Dury Diass S	FRANK . Supervisory pa Group	J. ASTA ATENT EXAMINER 2 2700		
Examiner Note: You must sign and stamp this form unless it is an a			311001			

I hereby certify that this correspondence is being $-\mathbb{Q}^{|\mathbf{x}|\times 2}$ deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Issue Fee Assistant Commissioner for Patents, Washington, D.C. 20231,

TOWNSEND and TOWNSEND and CREW LLP

PATENT

Attorney Docket No. 02307-553

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DOYLE et al.

Application No.: 08/324,443

Filed: 10/17/94

For: DISTRIBUTED HYPERMEDIA

METHOD FOR AUTOMATICALLY

INVOKING EXTERNAL

APPLICATION PROVIDING

INTERACTION AND DISPLAY OF

EMBEDDED OBJECTS WITHIN A

HYPERMEDIA DOCUMENT (as

amended)

Examiner: D. Dinh

Art Unit: 2756

Batch No.: C26

LETTER TO OFFICIAL

DRAFTSPERSON

Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231

RECSIVED **Publishing Division**

APR 0 7 1998

11

Sir:

Pursuant to the Notice of Allowability dated March 30, 1998, applicants submit nine sheets of formal drawings to be made of record in the above-identified case.

Respectfully submitted,

Charles E. Krueger

Req. No. 30,077

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200 Fax (415) 576-0300

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